

**COPY**

**STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT NO. 1122**

T06-0002

This Agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission ("Commission"), the Illinois Central Railroad Company ("IC"), the BNSF Railway Company ("BNSF"), and the State of Illinois, Department of Transportation ("Department" or "IDOT").

**WITNESSETH:**

WHEREAS, it has come to the attention of the Commission through application for assistance from the Grade Crossing Protection Fund that inquiry should be made into the matter of improving public safety at the locations noted in Table 1 below; and

**Table 1: Crossing Locations**

STREET	RAILROAD	AAR/DOT #	MILEPOST	CITY	COUNTY
Broadway Street	IC	294 991K	252.30-M	Centralia	Marion
	BNSF	072 307J	121.56-Y	Centralia	Marion
Fifth Street	IC	294 993y	252.68-M	Centralia	Marion
	BNSF	072 309X	121.92-Y	Centralia	Marion
Calumet Street	IC	309 277F	253.04-M	Centralia	Marion
	BNSF	072 311Y	122.27-Y	Centralia	Marion

Note: IC & BNSF have separate AAR/DOT numbers for the same crossings.

WHEREAS, proper investigation has been made of the circumstances surrounding the subject crossing by a representative of the Commission's Transportation Division Railroad Section; and

WHEREAS, the physical aspects, including geometrics of the intersection, train movements, vehicular traffic volume, and sight distances and other pertinent data relating to the crossing have been obtained and shown on Exhibits A-1, A-2, and A-3, attached to this Agreement; and

WHEREAS, the parties are mutually agreeable to accomplish proposed improvements to the crossing upon determination of the Commission by Order.

NOW, THEREFORE in consideration of the premises and of the mutual covenants and agreements as hereinafter contained the parties pray that the Commission enter an Order according to the provisions of Section 18c-7401 of the Illinois Commercial Transportation Law, 625 ILCS 5/18(c)-7401, requiring that certain improvements as hereinafter stated be made and that the cost for the proposed improvements be divided among the parties according to law and that in the interest of the traveling public the Grade Crossing Protection Fund ("GCPF") of the Motor Fuel Tax Law ("MFT") be required to bear a substantial portion of the cost; To Wit the parties agree as follows:

**DOCKETED**

Section 1 All improvements encompassed by this Agreement shall be made in accordance with all applicable State laws, rules, standards, regulations and orders and procedures in general.

Section 2 The parties are of the opinion that the following improvements in the interest of public safety at the subject crossings should be:

- (a) Broadway Street - Install automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder and a remote monitoring system.
- (b) Fifth Street - Install automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder and a remote monitoring system.
- (c) Calumet Street - Install automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder and a remote monitoring system.

Section 3 The IC has prepared detailed drawings, circuit plans, required specifications and preliminary cost estimates to accomplish the proposed safety improvements, which may be required by Commission Order. The drawings, circuit plans, specifications, and cost estimates are attached and incorporated herein by reference as Exhibits B-1, B-2 and B-3.

Section 4 The IC shall upon Order, according to the requirements contained therein, proceed toward the completion of the proposed improvements, accomplishing the work with its own forces or appropriate contracted services and agrees that an appropriate time for the completion of the proposed improvements should be twelve (12) months from the date of a Commission Order approving this Agreement.

**SPACE INTENTIONALLY LEFT BLANK**

**Section 5** The parties agree that an equitable division of cost for the proposed improvements is as follows:

**- COST DIVISION TABLE -**

<b>IMPROVEMENT</b>	<b>EST. COST</b>	<b>GCPF</b>	<b>IC</b>	<b>BN</b>	<b>IDOT</b>
Broadway Street - Install automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder and a remote monitoring system.	\$219,060	(50%) \$109,530 <sup>1</sup>	Remainder <sup>2</sup>	Remainder <sup>2</sup>	\$0
Fifth Street - Install automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder and a remote monitoring system.	\$174,880	(50%) \$87,440 <sup>1</sup>	Remainder <sup>2</sup>	Remainder <sup>2</sup>	\$0
Calumet Street - Install automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder and a remote monitoring system.	\$256,140	(50%) \$128,070 <sup>1</sup>	Remainder <sup>2</sup>	Remainder <sup>2</sup>	\$0
<b>TOTALS</b>	<b>\$650,080</b>	<b>\$325,040<sup>1</sup></b>	<b>Remainder<sup>2</sup></b>	<b>Remainder<sup>2</sup></b>	<b>\$0</b>

**Notes:**

<sup>1</sup> Total Grade Crossing Protection Fund (GCPF) assistance not to exceed \$325,040; any installation costs above the estimated amount of \$650,080 will be divided between the GCPF, the IC and the BN in the same percentages noted above, upon submittal and review of evidence to support the additional cost and subject to approval by the Commission.

<sup>2</sup> IC and BN responsible for all remaining installation costs, as well as all future operating and maintenance costs associated with the new automatic warning devices; IC and BN to determine their respective responsibilities for installation and maintenance costs by execution of a separate agreement.

**Section 6** Special Provisions: Since the warning device improvements at the subject crossings will be performed by railroad crews, no flagging or contractor liability insurance will be required for said work.

The IC shall complete and submit the Project Manager Information portion of the Project Status Report sheet, attached as Exhibits C, along with this executed Agreement.

The IC shall, at six (6) month intervals from the date of the Commission Order approving this Agreement, submit to the Director of Processing and Information, Transportation Bureau of the Commission, a Project Status Report, attached as Exhibit C, regarding the progress it has made toward completion of the work required by this Agreement. Each

Project Status Report shall include the Commission Order's docket number, the Order date, the project completion date as noted in the Order, crossing information (inventory number and railroad milepost), type of improvement, and the name, title, mailing address, phone number, facsimile number, and electronic mailing address of the IC Project Manager.

All bills for work specified in Section 2 authorized for reimbursement from the Grade Crossing Protection Fund shall be submitted to the Fiscal Control Unit, Bureau of Local Roads and Streets, Illinois Department of Transportation, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The Department shall send a copy of all invoices to the Director of Processing and Information, Transportation Bureau of the Commission. All bills shall be submitted no later than twelve (12) months from the completion date specified in the Commission Order approving this Agreement. The final bill for expenditures from each party shall be clearly marked "Final Bill". The Department shall not obligate any assistance from the Grade Crossing Protection Fund for eligible costs associated with the proposed improvements described in this Agreement without prior approval by the Commission. The Commission shall, at the end of the 12<sup>th</sup> month from the completion date specified in the Commission Order approving this Agreement or any Supplemental Order(s) issued for this project, notify the Department to de-obligate all residual funds accountable for this project. Notification may be by regular mail, electronic mail, fax, or phone.

**SECTION 7 Billing:** For all work specified in Section 2 of this Agreement, and authorized by an Order of the Commission, the IC shall provide sufficient documentation for all bills. The minimum documentation requirements are:

- a) Labor Charges (including additives) - Copies of employee work hours charged to the railroad account code for the project.
- b) Equipment Rental - Copies of rental agreements for the equipment used, including the rental rate; number of hours the equipment was used and the railroad account code for the project.
- c) Material - An itemized list of all materials purchased and installed at the crossing location. If materials purchased are installed at multiple crossing locations, a notation must be made to identify the crossing location.
- d) Engineering - Copies of employee work hours charged to the railroad account code for the project.
- e) Supervision - Copies of employee work hours charged to the Railroad account code for the project.
- f) Incidental Charges - An itemized list of all incidental charges along with a written explanation of those charges.
- g) Service Dates - Invoice shall include the beginning and ending date of the work accomplished for the invoice.
- h) Final or Progressive - Each invoice shall be marked as a Progressive or a Final Invoice.
- i) Reference Numbers - Each invoice shall include the AAR/DOT number, the ICC order number and the state job number when federal funds are involved.
- j) Locations - Each invoice shall show the location, with the street name and

AAR/DOT crossing inventory number.

Section 8 This Agreement shall be binding upon the parties hereto, their successors or assigns. Upon execution of this Agreement by all parties, the Commission shall enter an appropriate Order, within 60 days accepting or rejecting such stipulation according to the provisions contained herein.

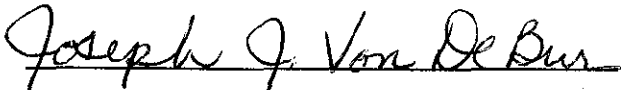
In Witness Whereof, the parties have caused this Agreement to be executed by their duly authorized officers, as of the dates indicated on their respective Execution Pages, attached hereto.

Executed by the Commission this 29th day of August 2005.



Michael E. Stead  
Rail Safety Program Administrator

Attest:



Joseph J. Von De Bur  
Railroad Safety Specialist

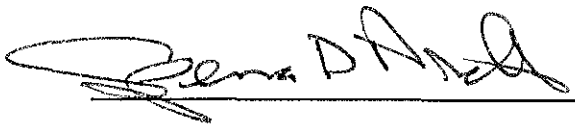
Illinois Commerce Commission Stipulated Agreement No. 1122 concerning improvements at Broadway Street, Fifth Street and Calumet Street highway-rail grade crossings of the Company's track in Centralia, in Marion County, Illinois, designated as crossings AAR/DOT 294 991K, milepost 252.30-M, AAR/DOT 294 993Y, milepost 252.68-M, and AAR/DOT 309 277F, milepost 253.04-M, respectively.

Executed by the BNSF Railway Company this 10<sup>th</sup> day of January 2005.

BNSF RAILWAY COMPANY

By: 

Attest:



Illinois Commerce Commission Stipulated Agreement No. 1122 concerning improvements at Broadway Street, Fifth Street and Calumet Street highway-rail grade crossings of the Company's track in Centralia, in Marion County, Illinois, designated as crossings AAR/DOT 294 991K, milepost 252.30-M, AAR/DOT 294 993Y, milepost 252.68-M, and AAR/DOT 309 277F, milepost 253.04-M, respectively.

Executed by the Department this 9th day of September 2005.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

By: Victor A. Modder  
Director of Highways

Illinois Commerce Commission Stipulated Agreement No. 1122 concerning improvements at Broadway Street, Fifth Street and Calumet Street highway-rail grade crossings of the Company's track in Centralia, in Marion County, Illinois, designated as crossings AAR/DOT 294 991K, milepost 252.30-M, AAR/DOT 294 993Y, milepost 252.68-M, and AAR/DOT 309 277F, milepost 253.04-M, respectively.

Executed by the Company this 15<sup>th</sup> day of September 2005.

ILLINOIS CENTRAL RAILROAD COMPANY

By: Paul E. Ladner

Witness:

[Signature]



**ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT  
CROSSING DATA FORM**

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	Canadian National/Illinois Central Railroad Company BNSF Railway Company
<b>USDOT#, MILEPOST</b>	294 991K, 252.33-M (CNIC).. 072 307J, 121.56-Y (BNSF)
<b>STREET, CITY, COUNTY</b>	Broadway Street, City of Centralia, Marion County
<b>JURISDICTION (RDWY)</b>	City of Centralia
<b>LOCATION</b>	Urban, Commercial
<b>STREET SURFACE</b>	50 Foot Width, 3-Lane, 2-Way, Bituminous Roadway

**CROSSING DATA:** Also see Location Sketch for roadway profile and track centers

<b>TRACK (East – West)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
1 – ICRR Main	Concrete	52 Feet ±	Very Good
2- ICRR Siding	Concrete	52 Feet ±	Very Good
3 – BNSF Main	Concrete	52 Feet ±	Fair

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	South Oak Street – 84 Feet East South Chestnut Street – 33 Feet West {Locust Street Crossing (NS 724802B) – 500 Feet East}
<b>TRAFFIC CONTROL</b>	South Oak Street – Stop Signs for Oak Street traffic South Chestnut Street – Stop Signs for Chestnut Street traffic {Locust Street Crossing – AFLS}
<b>ADT &amp; SPEED</b>	6,700 Vehicles Per Day @ 30 MPH
<b>TRAFFIC TYPE</b>	Passenger, Possible School Busses, Possible Hazardous Materials, Emergency Vehicles
<b>ADVANCE WARNING</b>	None
<b>PAVEMENT MARKING</b>	Stop Lines and RXR – East and West

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	22 Per day @ 49 MPH, Some Switch Movements, Day & Night
<b>PASSENGER TRAFFIC</b>	4 Per day @ 49 MPH
<b>WARNING DEVICES</b>	Automatic Flashing Light Signals and Gates (AFLS&G), Sidelights, Crossbucks, Bell

**NOTES:**

- Southeast signal mast should be relocated

**VISIBILITY STUDY:** See Location Sketch

Train Speed	49	MPH
Roadway Speed	30	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	210	FEET
Along Tracks	470	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1175	FEET

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*		*	
NW	*		*	
SE	*		*	
SW	*		*	

\*Note: Automatic flashing light signals and gates (AFLS&G) eliminate the need to satisfy minimum Site Distance criteria.

**APPROACH GRADES:** See Location Sketch

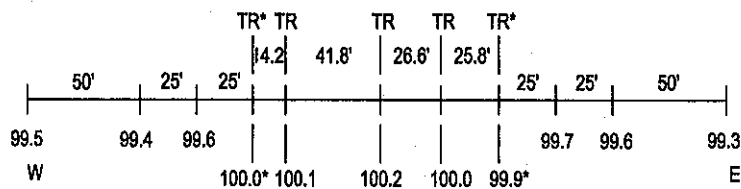
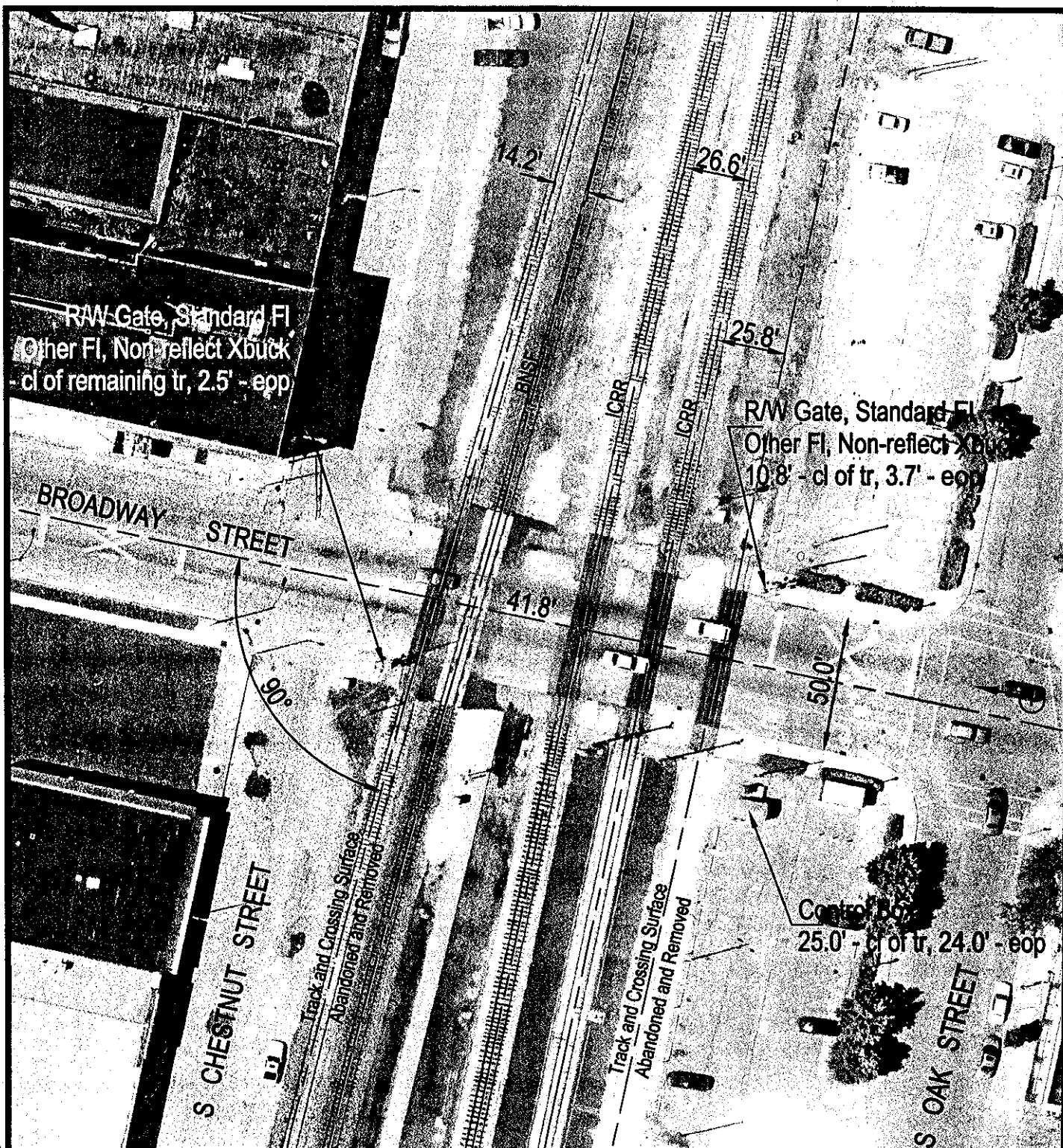
DIRECTION: WEST			DIRECTION: EAST		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.1	---	0	100.0	---
14.2	100.0	-0.7	25.8	99.9	-0.4
39.2	99.6	-1.6	50.8	99.7	-0.8
64.2	99.4	-0.8	75.8	99.6	-0.8
114.2	99.5	-0.2	125.8	99.3	-0.6

Distance measured from outermost rail.

**COMMENTS:**

Signal/circuitry upgrade of Broadway, Fifth and Calumet Streets to be done as FY05 Crossing Safety Improvement Program project.

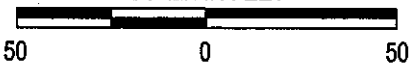
**Cost Division:** 50% Grade Crossing Protection Fund and 50% Canadian National/Illinois Central Railroad Company. No improvement costs to be assigned to the BNSF Railway Company.



# ROAD PROFILE

\*Tracks and surfaces have been abandoned and removed

SCALE IN FEET



Crossing #: 294991K (IC)/072307J (BNSF)

Location: Marion Co., City of Centralia (In)

Lat/Long: 38°31'40" / 89°08'10"

Railroad: Illinois Central Railroad Co./BNSF Railway Co.

Street: Broadway Street

Railroad Milepost: 252.30-M/121.56-Y

Crossing Protection: Train Activated Devices

**ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT  
CROSSING DATA FORM**

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	Canadian National/Illinois Central Railroad Company BNSF Railway Company
<b>USDOT#, MILEPOST</b>	294 993Y, 252.68-M (CNIC) 072 309X, 121.92-Y (BNSF)
<b>STREET, CITY, COUNTY</b>	5th Street, City of Centralia, Marion County
<b>JURISDICTION (RDWY)</b>	City of Centralia
<b>LOCATION</b>	Urban, Commercial
<b>STREET SURFACE</b>	24 Foot Width, 2-Lane, 2-Way, Bituminous Roadway

**CROSSING DATA:** Also see Location Sketch for roadway profile and track centers

<b>TRACK (East – West)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
1 – ICRR Main	Full Depth Timber	25 Feet ±	Very Good
2- ICRR Siding	Full Depth Timber	25 Feet ±	Very Good
3 – BNSF Main	Concrete	25 Feet ±	Good

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	South Oak Street – 112 Feet East (South from 5 <sup>th</sup> St. only) South Chestnut Street – 29 Feet West
<b>TRAFFIC CONTROL</b>	South Oak Street – Stop Sign for Oak Street traffic South Chestnut Street – Stop Signs for Chestnut Street traffic
<b>ADT &amp; SPEED</b>	2950 Vehicles Per Day @ 30 MPH
<b>TRAFFIC TYPE</b>	Passenger, Possible School Busses, Possible Hazardous Materials, Emergency Vehicles
<b>ADVANCE WARNING</b>	East and West
<b>PAVEMENT MARKING</b>	None

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	22 Per day @ 49 MPH, Some Switch Movements, Day & Night
<b>PASSENGER TRAFFIC</b>	4 Per day @ 49 MPH
<b>WARNING DEVICES</b>	Automatic Flashing Light Signals and Gates (AFLS&G), Sidelights, Crossbucks, Bell

**NOTES:**

Barriers should be removed from around each mast.

**VISIBILITY STUDY:** See Location Sketch

Train Speed	49	MPH
Roadway Speed	30	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	210	FEET
Along Tracks	470	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1175	FEET

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*		*	
NW	*		*	
SE	*		*	
SW	*		*	

\*Note: Automatic flashing light signals and gates (AFLS&G) eliminate the need to satisfy minimum Site Distance criteria.

**APPROACH GRADES:** See Location Sketch

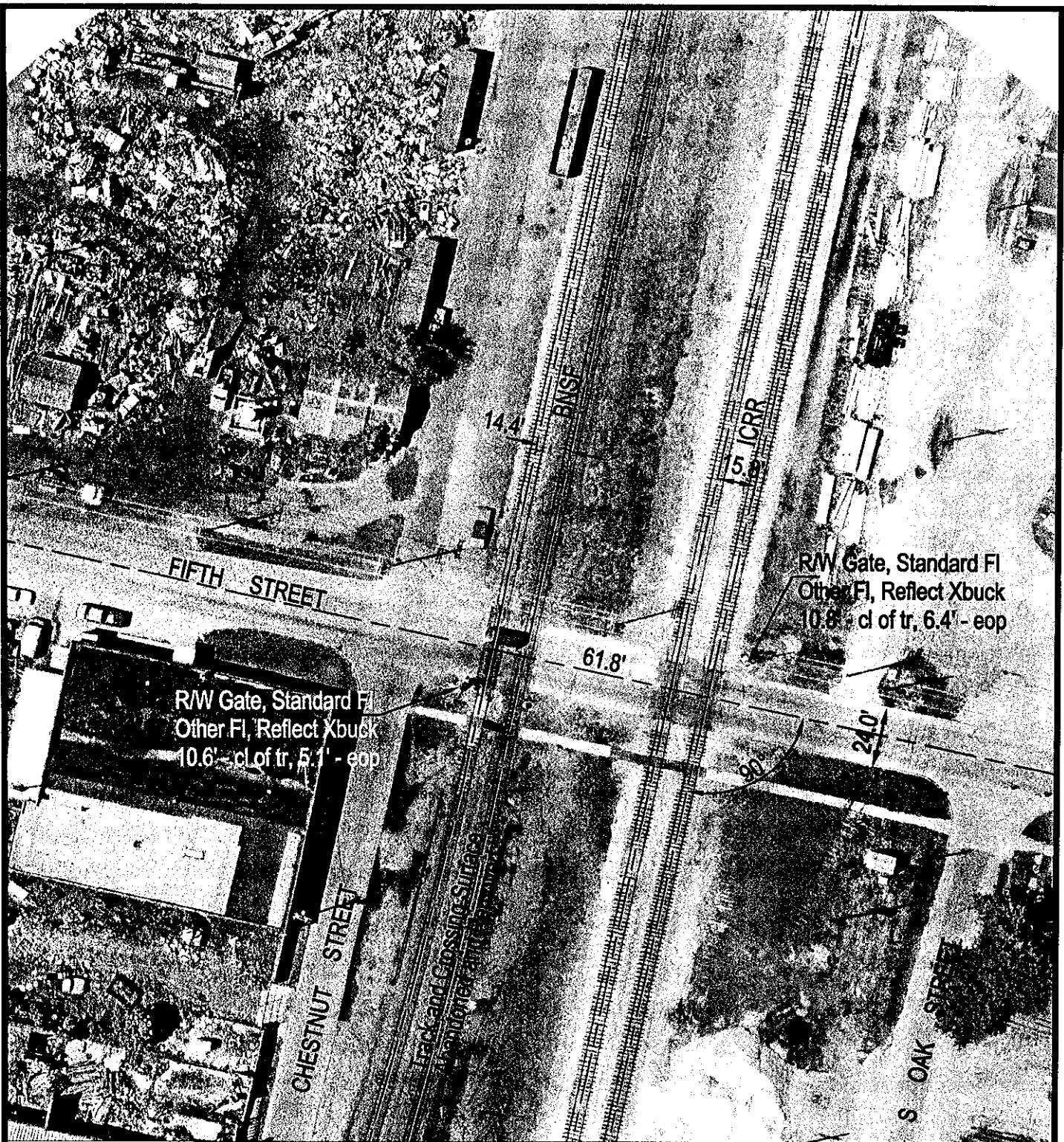
DIRECTION: WEST			DIRECTION: EAST		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	97.8	---	0	100.0	---
14.4	97.8	0	15.8	100.0	0
39.4	97.0	-3.2	40.8	100.0	0
64.4	96.0	-4.0	65.8	99.2	-3.2
114.4	94.3	-3.4	115.8	97.7	-3.0

Distance measured from outermost rail.

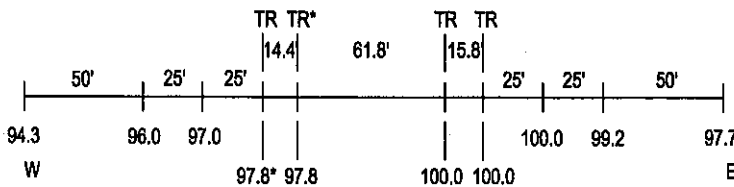
**COMMENTS:**

Signal/circuitry upgrade of Broadway, Fifth and Calumet Streets to be done as FY05 Crossing Safety Improvement Program project.

**Cost Division:** 50% Grade Crossing Protection Fund and 50% Canadian National/Illinois Central Railroad Company. No improvement costs to be assigned to the BNSF Railway Company.

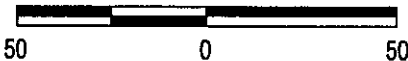


MARION 294993Y 294993Y.DWG 03/05/01 08:37 B.B



**ROAD PROFILE**  
\*Track and surface has been abandoned and removed

SCALE IN FEET



Crossing #: 294993Y (IC)/072309X (BNSF)  
Location: Marion Co., City of Centralia (In)  
Lat/Long: 38°31'22" / 89°08'17"  
Railroad: Illinois Central Railroad Co./BNSF Railway Co.  
Street: 5th Street  
Railroad Milepost: 252.68-M/121.92-Y  
Crossing Protection: Train Activated Devices

**ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT  
CROSSING DATA FORM**

**GENERAL INFORMATION:** See Location Sketch

<b>RAILROAD</b>	Canadian National/Illinois Central Railroad Company BNSF Railway Company
<b>USDOT#, MILEPOST</b>	309 277F, 253.04-M (CNIC) 072 311Y, 122.27-Y (BNSF)
<b>STREET, CITY, COUNTY</b>	Calumet Street, City of Centralia, Marion County
<b>JURISDICTION (RDWY)</b>	City of Centralia
<b>LOCATION</b>	Urban, Commercial
<b>STREET SURFACE</b>	31 Foot Width, 2-Lane, 2-Way, Bituminous Roadway

**CROSSING DATA:** Also see Location Sketch for roadway profile and track centers

<b>TRACK (East - West)</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
1 - ICRR Main	Full Depth Timber	41 Feet ±	Very Good
2- ICRR Siding	Full Depth Timber	41 Feet ±	Very Good
3 - BNSF Main	Concrete	41 Feet ±	Very Good

**ROADWAY DATA:** See Location Sketch

<b>INTERSECTING ROADS:</b>	South Oak Street - 114 Feet East (North from Calumet St. only) South Chestnut Street - 35 Feet West (North only)
<b>TRAFFIC CONTROL</b>	South Oak Street - Stop Sign for Oak Street traffic South Chestnut Street - Stop Signs for Chestnut Street traffic
<b>ADT &amp; SPEED</b>	4150 Vehicles Per Day @ 30 MPH
<b>TRAFFIC TYPE</b>	Passenger, Possible School Busses, Possible Hazardous Materials, Emergency Vehicles
<b>ADVANCE WARNING</b>	East and West
<b>PAVEMENT MARKING</b>	Stop Bars and RXR

**RAILROAD DATA:** See Location Sketch

<b>FREIGHT TRAFFIC</b>	22 Per day @ 49 MPH, Some Switch Movements, Day & Night
<b>PASSENGER TRAFFIC</b>	4 Per day @ 49 MPH
<b>WARNING DEVICES</b>	Automatic Flashing Light Signals and Gates (AFLS&G), Sidelights, Crossbucks, Bell

**NOTES:**

**VISIBILITY STUDY:** See Location Sketch

Train Speed	49	MPH
Roadway Speed	30	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	210	FEET
Along Tracks	470	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1175	FEET

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*		*	
NW	*		*	
SE	*		*	
SW	*		*	

\*Note: Automatic flashing light signals and gates (AFLS&G) eliminate the need to satisfy minimum Site Distance criteria.

**APPROACH GRADES:** See Location Sketch

DIRECTION: WEST			DIRECTION: EAST		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	99.6	---	0	100.1	---
14.8	99.6	0	15.2	100.0	-0.7
39.8	99.6	0	40.2	99.4	-2.4
64.8	99.6	0	65.2	99.0	-1.6
114.8	99.6	0	115.2	98.4	-1.2

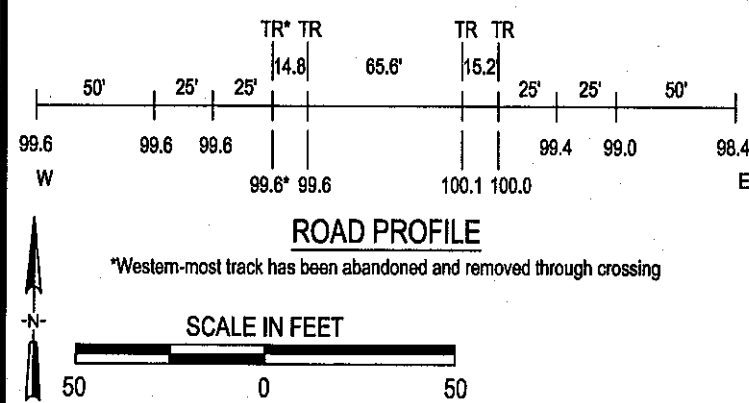
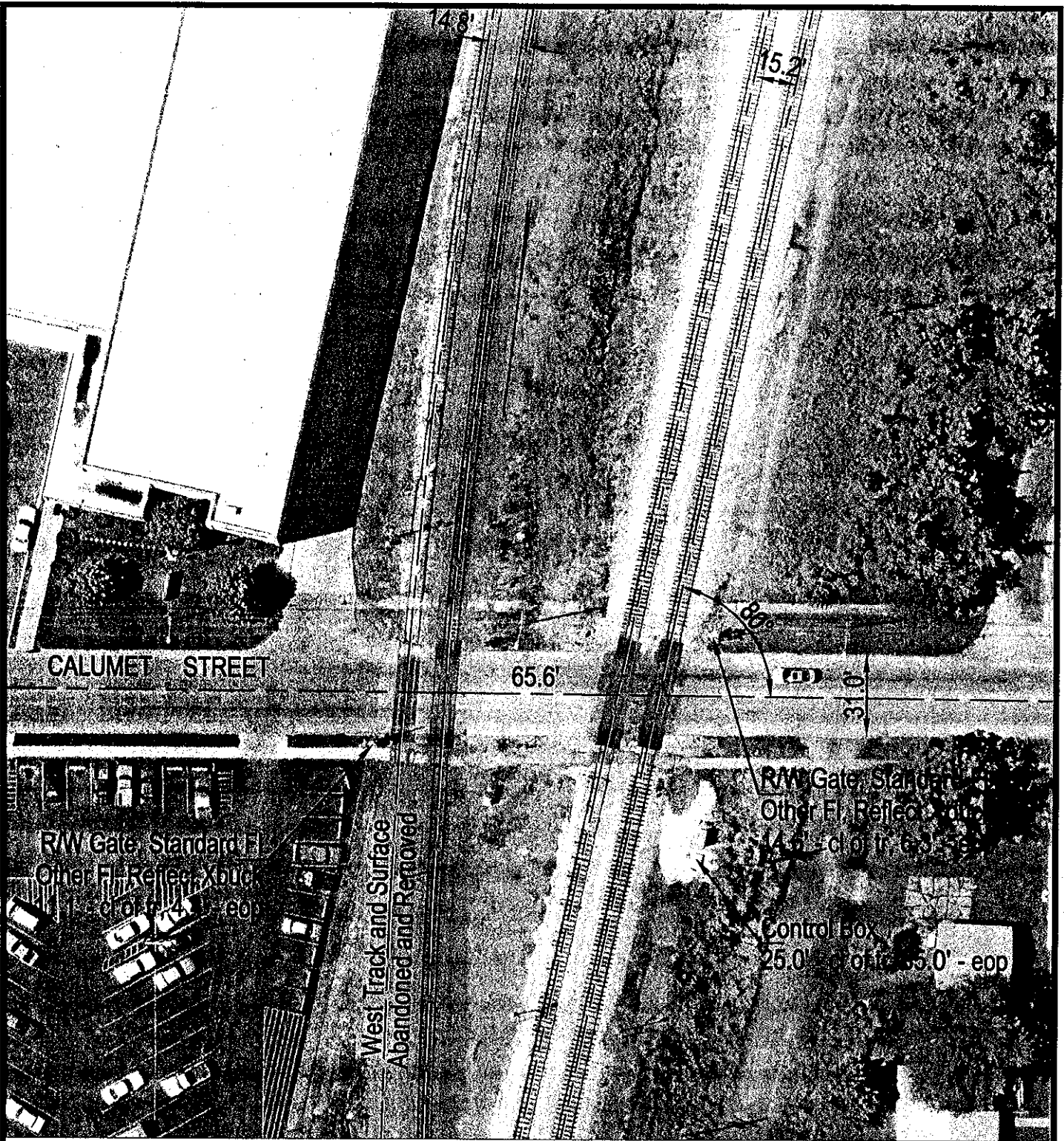
Distance measured from outermost rail.

**COMMENTS:**

Signal/circuitry upgrade of Broadway, Fifth and Calumet Streets to be done as FY05 Crossing Safety Improvement Program project.

**Cost Division:** 50% Grade Crossing Protection Fund and 50% Canadian National/Illinois Central Railroad Company. No improvement costs to be assigned to the BNSF Railway Company.





Crossing #: 309277F (IC)/072311Y (BNSF)  
 Location: Marion Co., City of Centralia (In)  
 Lat/Long: 38°31'03" / 89°08'17"  
 Railroad: Illinois Central Railroad Co./BNSF Railway Co.  
 Street: Calumet Street  
 Railroad Milepost: 253.04-M/122.27-Y  
 Crossing Protection: Train Activated Devices

4 MARION\309277F.DWG 03/05/01 10:59 B.B

ILLINOIS CENTRAL RAILROAD  
ENGINEERING DEPARTMENT  
SIGNALS AND COMMUNICATIONS

Centralia, IL

Est 1012-401

Estimated cost of Signal work to install gates and cantilevers at Broadway Street.

Central Division

Val Sec IL-1

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
FAPG				
-----				
LANDFILL	1.	LOT @	800.00	800.00
MISC.SIGNAL MATERIAL	1.	L.S. @	500.00	500.00
CROSSING MATERIALS PACKAGE				
GCP3000ND2,80160-111-IPI	1.	EACH @	17754.00	17754.00
GCP3000D2,80110-114-IPI	1.	EACH @	28613.00	28613.00
SERIAL EVENT ANALYZER/REC	1.	EACH @	2275.00	2275.00
RECORDER INTERFACE,80255	6.	EACH @	130.00	780.00
RECTIFIER,NRS15110,20A	1.	EACH @	455.00	455.00
RECTIFIER,NRS18120,40A	1.	EACH @	660.00	660.00
XING CONTROLLER,40A,91190	1.	EACH @	3934.00	3934.00
INTELLIGENT CURRENT SENSOR	2.	EACH @	355.00	710.00
NARROW BAND SHUNT,62775-1543	6.	EACH @	416.00	2496.00
RELAY,ST,500 OHM,400004	3.	EACH @	583.00	1749.00
RACK,EQPT,23"(ADDL)	1.	EACH @	235.00	235.00
CANTILEVER,WT/F,22'	2.	EACH @	9718.00	19436.00
FLX-4000,1-WAY,MAIN MAST	3.	EACH @	675.00	2025.00
FLX-4000,2-WAY,JURY MAST	2.	EACH @	1525.00	3050.00
RR XING SIGN	2.	EACH @	150.00	300.00
FLX-4000 & GATE ASSY,1-WAY	2.	EACH @	6133.00	12266.00
ARM,EZ-GATE,25-32'	2.	EACH @	790.00	1580.00
GATEKEEPER,SK-1000	2.	EACH @	1975.00	3950.00
SIGN,3 TRACKS	2.	EACH @	82.00	164.00
BELL,ELECTRONIC	2.	EACH @	234.00	468.00
BATTERY,NI-CAD,240AH	20.	EACH @	256.00	5120.00
FOUNDATION,CANTILEVER	2.	EACH @	3000.00	6000.00
FOUNDATION,S2 4FT-6IN HI	2.	EACH @	404.00	808.00
PRE-WIRED ALUM HOUSE,8X8'	1.	EACH @	18100.00	18100.00
WIRE,2c/6,T10456	1200.	FEET @	0.44	528.00
CABLE,3c/6,TECK,T10458	400.	FEET @	2.12	848.00
CABLE,7c/6,9c/14,T12481	400.	FEET @	3.05	1220.00

Centralia, IL

Est 1012-401

5 MAN GANG	12. DAY @	1100.00	13200.00
PRELIMINARY ENGINEERING	1. L.S. @	2500.00	2500.00
CONSTRUCTION ENGINEERING	1. L.S. @	275.00	275.00
CONTRACT ENGINEERING	1. L.S. @	5000.00	5000.00

## SUMMARY

MATERIAL	136824.00 *
HANDLING 0.0610	8346.26
CROSSING SYSTEM HANDLING	3000.00
CROSSING SYSTEM WIRING	6000.00
LABOR	13200.00 *
ENGINEERING	2775.00
CONTRACT ENGINEERING	5000.00
ACCOUNTING	300.00
COMPOSITE ADD.-DIRECT LABOR 1.0706	14131.92
COMPOSITE ADD.-ENG 1.0088 -ACCT 1.0706	3120.60
SUBSISTENCE	3000.00
RENTAL OF EQUIPMENT	2400.00
POWER TAP	1500.00
CONTINGENCIES	19462.22
TOTAL COST	219060.00



ILLINOIS CENTRAL RAILROAD  
ENGINEERING DEPARTMENT  
SIGNALS AND COMMUNICATIONS

Centralia, IL

Est 1012-402

Estimated cost of Signal work to install FLS and Gates at Fifth Street.

Central Division

Val Sec IL-1

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
FAPG				
-----				
LANDFILL	1.	LOT @	800.00	800.00
MISC.SIGNAL MATERIAL	1.	L.S. @	500.00	500.00
CROSSING MATERIALS PACKAGE				
GCP3000ND2,80160-111-IPI	1.	EACH @	17754.00	17754.00
GCP3000D2,80110-114-IPI	1.	EACH @	28613.00	28613.00
SERIAL EVENT ANALYZER/REC	1.	EACH @	2275.00	2275.00
RECORDER INTERFACE,80255	6.	EACH @	130.00	780.00
RECTIFIER,NRS15110,20A	1.	EACH @	455.00	455.00
RECTIFIER,NRS18120,40A	1.	EACH @	660.00	660.00
XING CONTROLLER,40A,91190	1.	EACH @	3934.00	3934.00
INTELLIGENT CURRENT SENSOR	2.	EACH @	355.00	710.00
NARROW BAND SHUNT,62775-3497	6.	EACH @	431.00	2586.00
RELAY,ST,500 OHM,400004	3.	EACH @	583.00	1749.00
RACK,EQPT,23" (ADDL)	1.	EACH @	235.00	235.00
FLX-4000 & GATE ASSY,2-WAY	1.	EACH @	6833.00	6833.00
FLX-4000 & GATE W/1 SIDELITE	1.	EACH @	7762.00	7762.00
ARM,EZ-GATE,16-24'	2.	EACH @	569.00	1138.00
GATEKEEPER,SK-1000	2.	EACH @	1975.00	3950.00
SIGN,3 TRACKS	2.	EACH @	82.00	164.00
BELL,ELECTRONIC	2.	EACH @	234.00	468.00
BATTERY,NI-CAD,240AH	20.	EACH @	256.00	5120.00
FOUNDATION,S2 4FT-6IN HI	2.	EACH @	404.00	808.00
PRE-WIRED ALUM HOUSE,8X8'	1.	EACH @	18100.00	18100.00
WIRE,2c/6,T10456	1200.	FEET @	0.44	528.00
CABLE,3c/6,TECK,T10458	100.	FEET @	2.12	212.00
CABLE,2c/10,6c/14,T10477	2500.	FEET @	0.84	2100.00
CABLE,7c/6,9c/14,T12481	400.	FEET @	3.05	1220.00

Centralia, IL

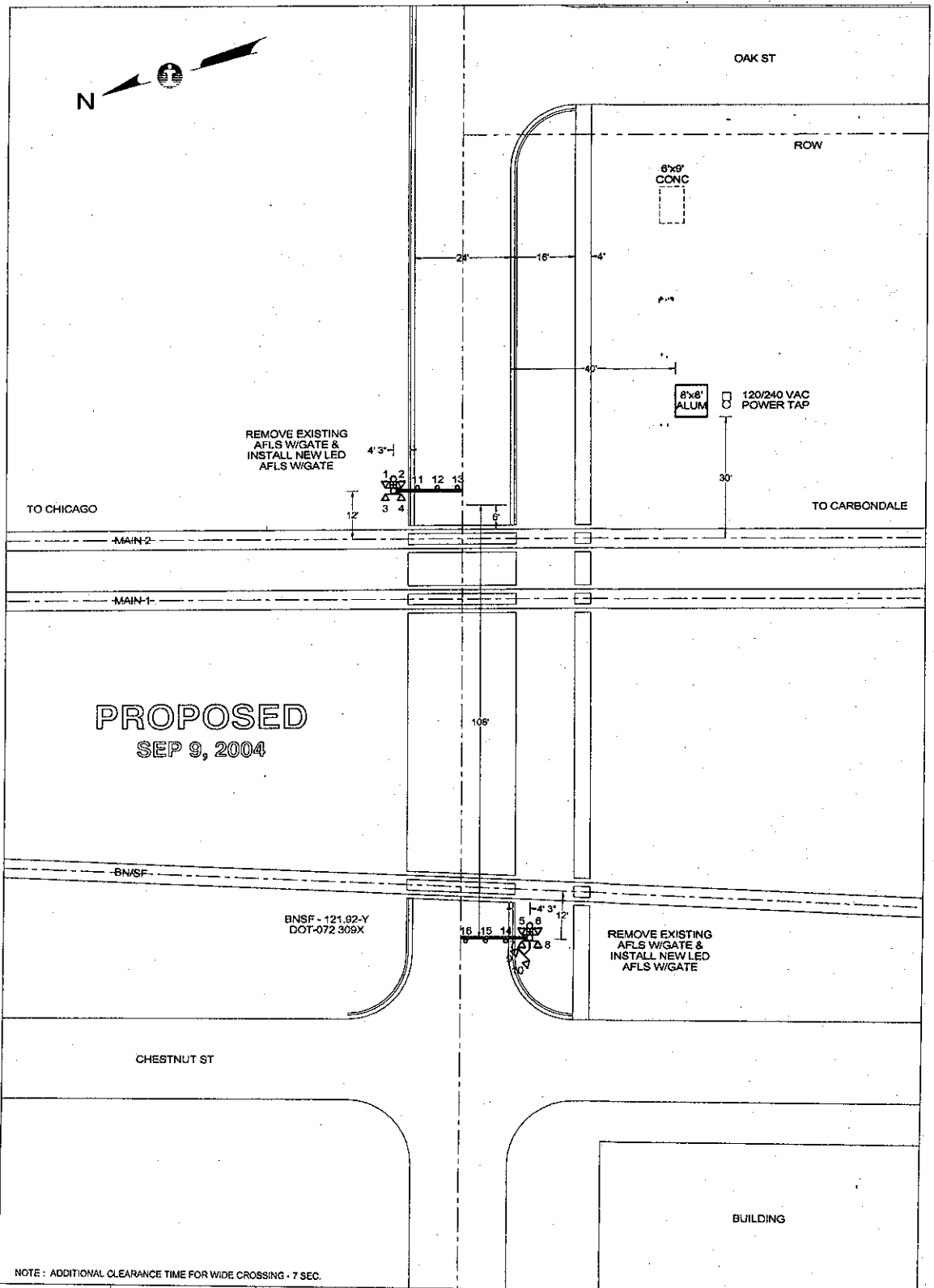
Est 1012-402

5 MAN GANG	8. DAY @	1100.00	8800.00
PRELIMINARY ENGINEERING	1. L.S. @	2500.00	2500.00
CONSTRUCTION ENGINEERING	1. L.S. @	275.00	275.00
CONTRACT ENGINEERING	1. L.S. @	5000.00	5000.00

## SUMMARY

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MATERIAL	109454.00 *
HANDLING 0.0610	6676.69
CROSSING SYSTEM HANDLING	3000.00
CROSSING SYSTEM WIRING	6000.00
LABOR	8800.00 *
ENGINEERING	2775.00
CONTRACT ENGINEERING	5000.00
ACCOUNTING	200.00
COMPOSITE ADD.-DIRECT LABOR 1.0706	9421.28
COMPOSITE ADD.-ENG 1.0088 -ACCT 1.0706	3013.54
SUBSISTENCE	2000.00
RENTAL OF EQUIPMENT	1600.00
POWER TAP	1500.00
CONTINGENCIES	15439.49
	-----
TOTAL COST	174880.00



NOTE: ADDITIONAL CLEARANCE TIME FOR WIDE CROSSING - 7 SEC.


QUADRANT	NE	SW	 <b>SIGNALS &amp; COMMUNICATIONS, ENGINEERING DEPARTMENT</b>	
STANDARD AFLS	LED	LED		
CANTILEVER, FT.	-	-	CITY & STATE	
GATE, FT.	17	17	CENTRALIA, IL	
ADDED LIGHTS	-	45°	SD 1012 X	
BARRICADE	-	-	CROSSING	
MULTI-TK SIGN	3 TRACKS	3 TRACKS	FIFTH ST	
BELL	X	X	DATE	
REVISIONS			SEPT 9, 2004	
E:\DWG\CEN\25268X.CAD			IC - 252.68	
SC00023825			DOT - 294 993Y	
			MIDWEST DIVISION	
			CENTRALIA SUBDIVISION	
			IN SERVICE	
			4/11/1955	
			SCALE	
			1"=30'	
			DRAWN BY	
			AVS	

EXHIBIT B-2 D-2

ILLINOIS CENTRAL RAILROAD  
ENGINEERING DEPARTMENT  
SIGNALS AND COMMUNICATIONS

Centralia, IL

Est 1012-403

Estimated cost of Signal work to install FLS and Gates at Calumet Street.

Central Division

Val. Sec IL-1

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
FAPG				
-----				
LANDFILL	1.	LOT @	800.00	800.00
MISC.SIGNAL MATERIAL	1.	L.S. @	500.00	500.00
CROSSING MATERIALS PACKAGE				
GCP8000D2,80110-112-IPI	1.	EACH @	26373.00	26373.00
GCP3000D2,80110-114-IPI	2.	EACH @	28613.00	57226.00
GCP3000,80200-114	2.	EACH @	13014.00	26028.00
SERIAL EVENT ANALYZER/REC	1.	EACH @	2275.00	2275.00
RECORDER INTERFACE,80255	8.	EACH @	130.00	1040.00
RECTIFIER,NRS15110,20A	1.	EACH @	455.00	455.00
RECTIFIER,NRS18120,40A	1.	EACH @	660.00	660.00
XING CONTROLLER,40A,91190	1.	EACH @	3934.00	3934.00
INTELLIGENT CURRENT SENSOR	2.	EACH @	355.00	710.00
NARROW BAND SHUNT,62775-3497	8.	EACH @	431.00	3448.00
NARROW BAND SHUNT,62775-8621	3.	EACH @	653.00	1959.00
RELAY,ST,500 OHM,400004	6.	EACH @	583.00	3498.00
RACK,EQPT,23" (ADDL)	1.	EACH @	235.00	235.00
FLX-4000 & GATE ASSY,2-WAY	1.	EACH @	6833.00	6833.00
FLX-4000 & GATE W/1 SIDELITE	1.	EACH @	7762.00	7762.00
ARM,EZ-GATE,16-24'	2.	EACH @	569.00	1138.00
GATEKEEPER,SK-1000	2.	EACH @	1975.00	3950.00
SIGN,3 TRACKS	2.	EACH @	82.00	164.00
BELL,ELECTRONIC	2.	EACH @	234.00	468.00
BATTERY CHOKE,8A065A	2.	EACH @	212.00	424.00
PSO BATTERY CHOKE,7A360	3.	EACH @	253.00	759.00
BATTERY,NI-CAD,240AH	20.	EACH @	256.00	5120.00
FOUNDATION,S2 4FT-6IN HI	2.	EACH @	404.00	808.00
PRE-WIRED ALUM HOUSE,8X8'	1.	EACH @	18100.00	18100.00
WIRE,2c/6,T10456	2000.	FEET @	0.44	880.00
CABLE,3c/6,TECK,T10458	100.	FEET @	2.12	212.00
CABLE,2c/10,6c/14,T10477	2500.	FEET @	0.84	2100.00
CABLE,7c/6,9c/14,T12481	400.	FEET @	3.05	1220.00



Centralia, IL

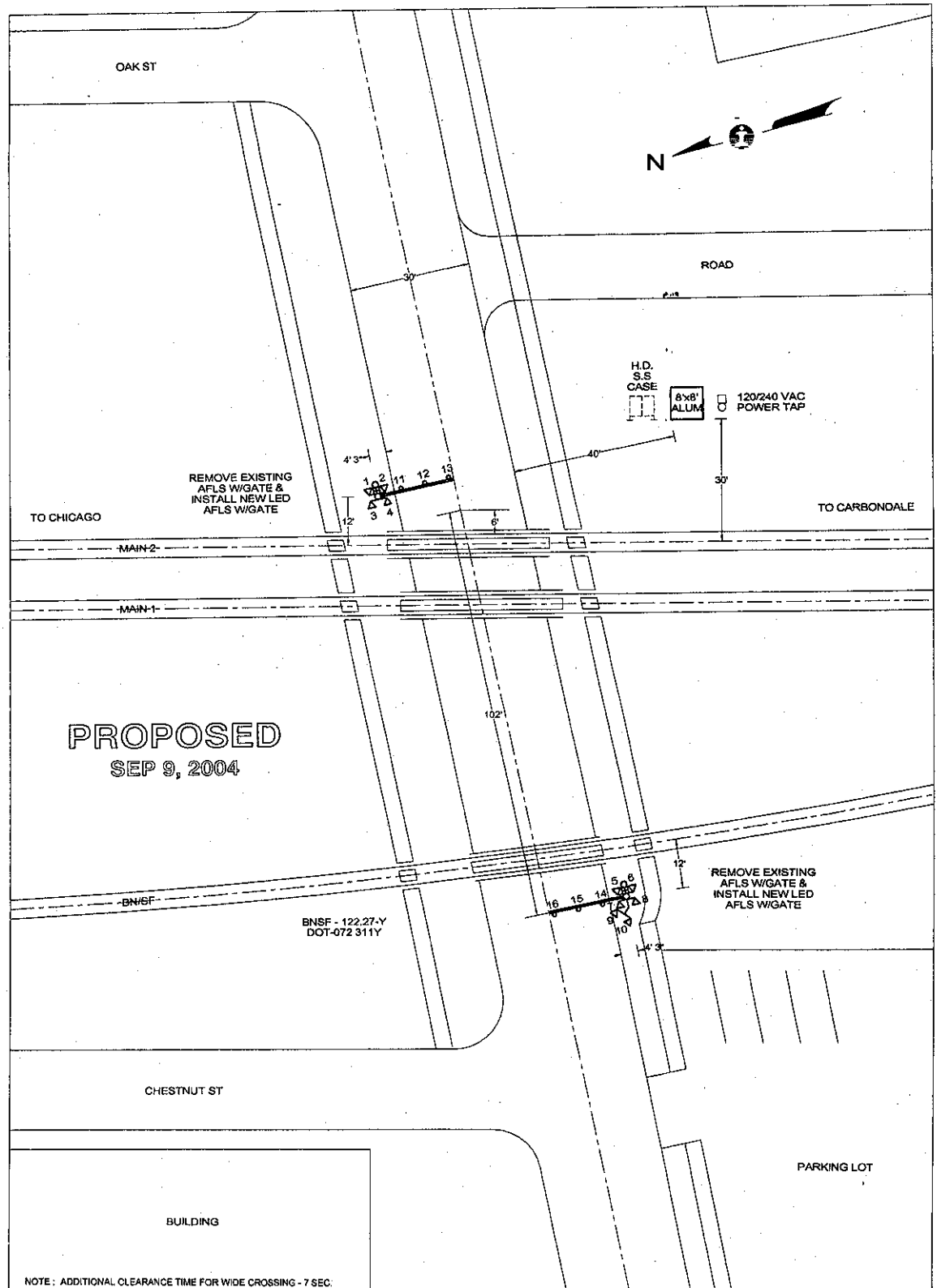
Est 1012-403

5 MAN GANG	8. DAY @	1100.00	8800.00
PRELIMINARY ENGINEERING	1. L.S. @	2500.00	2500.00
CONSTRUCTION ENGINEERING	1. L.S. @	275.00	275.00
CONTRACT ENGINEERING	1. L.S. @	5000.00	5000.00


## SUMMARY

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MATERIAL	179079.00 *
HANDLING 0.0610	10923.82
CROSSING SYSTEM HANDLING	3000.00
CROSSING SYSTEM WIRING	6000.00
LABOR	8800.00 *
ENGINEERING	2775.00
CONTRACT ENGINEERING	5000.00
ACCOUNTING	200.00
COMPOSITE ADD.-DIRECT LABOR 1.0706	9421.28
COMPOSITE ADD.-ENG 1.0088 -ACCT 1.0706	3013.54
SUBSISTENCE	2000.00
RENTAL OF EQUIPMENT	1600.00
POWER TAP	1500.00
CONTINGENCIES	22827.36
	-----
TOTAL COST	256140.00



**PROPOSED**  
SEP 9, 2004

NOTE: ADDITIONAL CLEARANCE TIME FOR WIDE CROSSING - 7 SEC.			 <b>SIGNALS &amp; COMMUNICATIONS, ENGINEERING DEPARTMENT</b>	
QUADRANT	NE	SW		
STANDARD AFLS	LED	LED	CITY & STATE	
CANTILEVER, FT.	-	-	CENTRALIA, IL	
GATE, FT.	19	19	SD 1012 X	
ADDED LIGHTS	-	45°	CROSSING	
BARRICADE	-	-	CALUMET ST	
MULTI-TK SIGN	3 TRACKS	3 TRACKS	DATE	
BELL	X	X	SEPT 9, 2004	
REVISIONS			IC - 253.04	
			DOT - 309 277F	
			MIDWEST DIVISION	
			CENTRALIA SUBDIVISION	
E:\DWG\GEN\25304X.CAD			IN SERVICE	4/20/1955
SC00023826			SCALE	1"=30'
			DRAWN BY	AVS

1924-25 SEC CWT/MIN 20 SEC @ 50 MPH

GREEN ST

3315-25 SEC CWT/MIN 20 SEC @ 50 MPH

ELLIS ST

BROADWAY ST

BROADWAY ST

533C

2-2516

2-2515

1-2516

1-2515

530A

TWP

X

X

156HZ

211HZ

166HZ

211HZ

MAIN 2

MAIN 1

CN

BNSF

2851Z

2851Z

2851Z

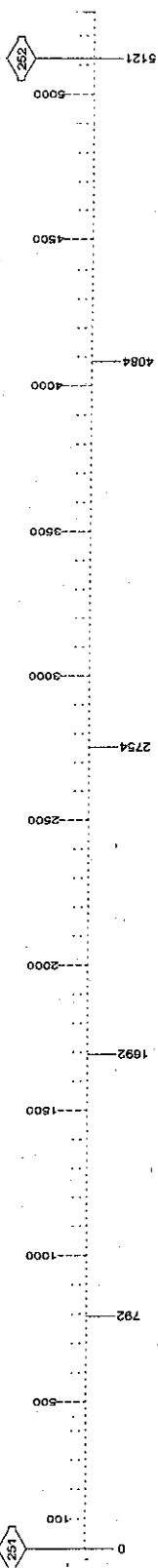
2851Z

3315-25 SEC CWT/MIN 20 SEC @ 50 MPH

ELLIS ST

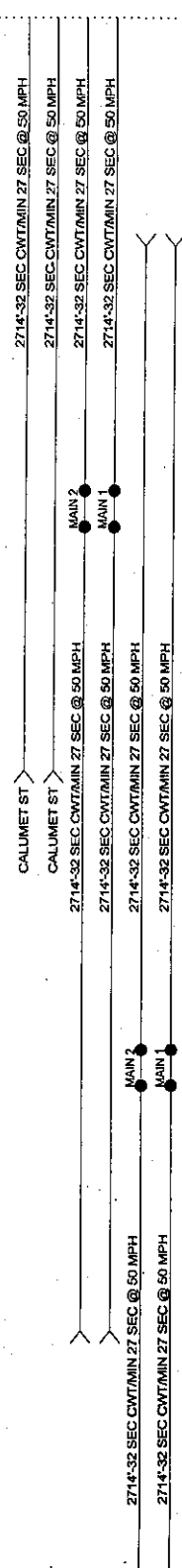
1924-25 SEC CWT/MIN 20 SEC @ 50 MPH

GREEN ST



SPEED RESTRICTION - MP 250 TO 252.2 - 50 MPH

EXHIBIT B-3, P.5

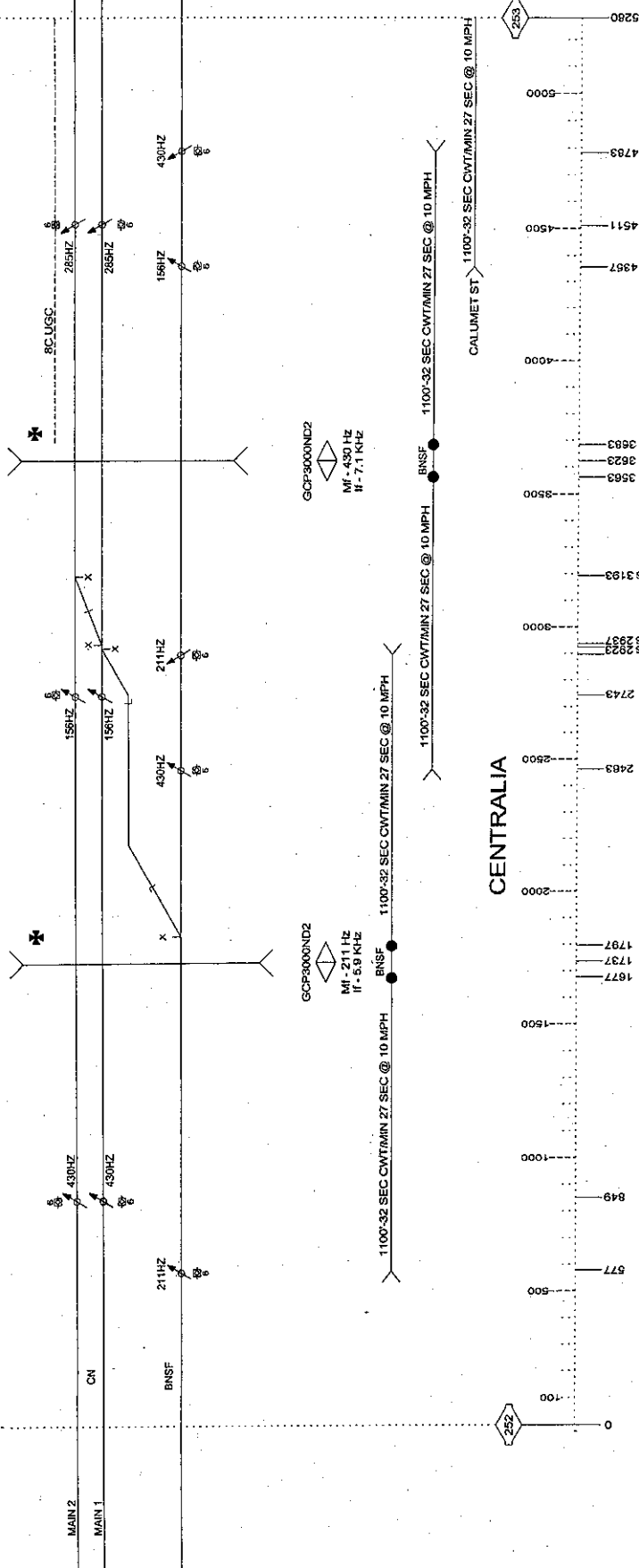


GCP3000D2  
2 TRACK  
MF - 430 HZ  
IF - 17.5 KHZ  
IF - 20.2 KHZ  
FIFTH ST  
IC-252.68  
DOT-254 983Y  
SEE DETAIL

GCP3000D2  
2 TRACK  
MF - 255 HZ  
IF - 17.5 KHZ  
IF - 17.5 KHZ  
BROADWAY ST  
IC-252.33  
DOT-254 891K  
SEE DETAIL

GCP3000D2  
MF - 430 HZ  
IF - 7.1 KHZ

GCP3000D2  
MF - 211 HZ  
IF - 5.9 KHZ



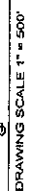
CENTRALIA



SPEED RESTRICTION - MP 250 TO 252.2 - 50 MPH

MP 252.2 TO 254.2 - 35 MPH

EXHIBIT B-3, P.6



MP 252.2 TO 254.2 - 35 MPH

**ILLINOIS COMMERCE COMMISSION  
TRANSPORTATION DIVISION / RAIL SAFETY SECTION  
PROJECT STATUS REPORT:**

**TYPE:** (CHECK ONE)

PROGRESS	<input type="checkbox"/>
COMPLETION*	<input type="checkbox"/>

DATE	<input type="text"/>
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**PROJECT INFORMATION:**

Reporting Party:	ILLINOIS CENTRAL RAILROAD COMPANY
Docket/Order #: Date:	
Status Reports Due:	
Ordered Completion Date:	
Completion Report Due <sup>1</sup> :	
AAR/DOT#, Milepost:	IC - 294 991K, 252.68-M, BNSF - 072 307J, 121.56-Y IC - 294 993Y, 252.68-M, BNSF - 072 309X, 121.92Y IC - 309 277F, 253.04-M, BNSF - 072 311Y, 122.27-Y
Street, (in/near) City, County:	Broadway, Fifth & Calumet Streets, Centralia, Marion Co.
Railroad Company:	Illinois Central Railroad Company & BNSF Railway Co.

<sup>1</sup> Completion reports involving changes to the railroad crossing must include an updated USDOT Inventory Form.

**PROJECT MANAGER INFORMATION:**

Name:	Arne V. Skrodal
Title:	IC - Engineering - Signal Planning
Representing:	Illinois Central Railroad Company
Street Address:	17641 Ashland Ave
City, State, Zip:	Homewood, IL 60430
Office Phone:	708-332-3271
Office Fax:	708-332-3514
Cellular Phone:	n/a
E-Mail Address:	Arne.SKrodal@CN.CA

**DESCRIPTION OF IMPROVEMENT(S) ORDERED:** Installation of automatic flashing light signals and gates (AFLS&G) with a bell, controlled by constant warning time (CWT) circuitry, and equipped with an event recorder and a remote monitoring system.

**STATUS OF WORK:**

**ILLINOIS COMMERCE COMMISSION  
TRANSPORTATION DIVISION / RAIL SAFETY SECTION**

Mail directed to the **Rail Safety Section** or the **Director of Processing and Information**, Transportation Bureau of the Commission should be addressed to:

The Illinois Commerce Commission  
527 East Capitol Avenue  
Springfield, IL 62701-1827

If you have questions contact:

Joe Von De Bur, Railroad Safety Specialist  
Phone: (217) 557-1286  
Email: [jvondebu@icc.state.il.us](mailto:jvondebu@icc.state.il.us)

A **Form 3** can be obtained from the Illinois Commerce Commission by calling 217/782-7660 or on the web at:

<http://www.icc.state.il.us/hg/library.aspx?key=Railroad%20Safety>

**United States Department of Transportation Inventory Form #6180.71** can be obtained on the web at:

<http://safetydata.fra.dot.gov/OfficeofSafety/Forms/Default.asp>

Submit Inventory forms to:

Federal Railroad Administration Office of Safety 1120 Vermont Avenue, NW Washington, DC 20590	<b><u>And</u></b>	Chief of Data Services Illinois Department of Transportation 2300 S. Dirksen Parkway Springfield, IL 62764
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